HB76 Parts Manual

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www.amdry.com

ADC Part No. 450661-2

Retain This Manual
In A Safe Place For Future Reference

This product embodies advanced concepts in engineering, design, and safety. If this product is properly maintained, it will provide many years of safe, efficient, and trouble free operation.

ONLY properly licensed technicians should service this equipment.

OBSERVE ALL SAFETY PRECAUTIONS displayed on the equipment or specified in the installation manual included with the dryer.

The following "FOR YOUR SAFETY" caution must be posted near the dryer in a prominent location.

FOR YOUR SAFETY

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

POUR VOTRE SÉCURITÉ

Ne pas entreposer ni utiliser d'essence ni d'autres vapeurs ou liquides inflammables à proximité de cet appareil ou de tout autre appareil.

We have tried to make this manual as complete as possible and hope you will find it useful. The manufacturer reserves the right to make changes from time to time, without notice or obligation, in prices, specifications, colors, and material, and to change or discontinue models.

Important

For your convenience, log the following information:

DATE OF PURCHASE _____ **MODEL NO.** HB76

RESELLER'S NAME _____

Serial Number(s) _____

_____

_____

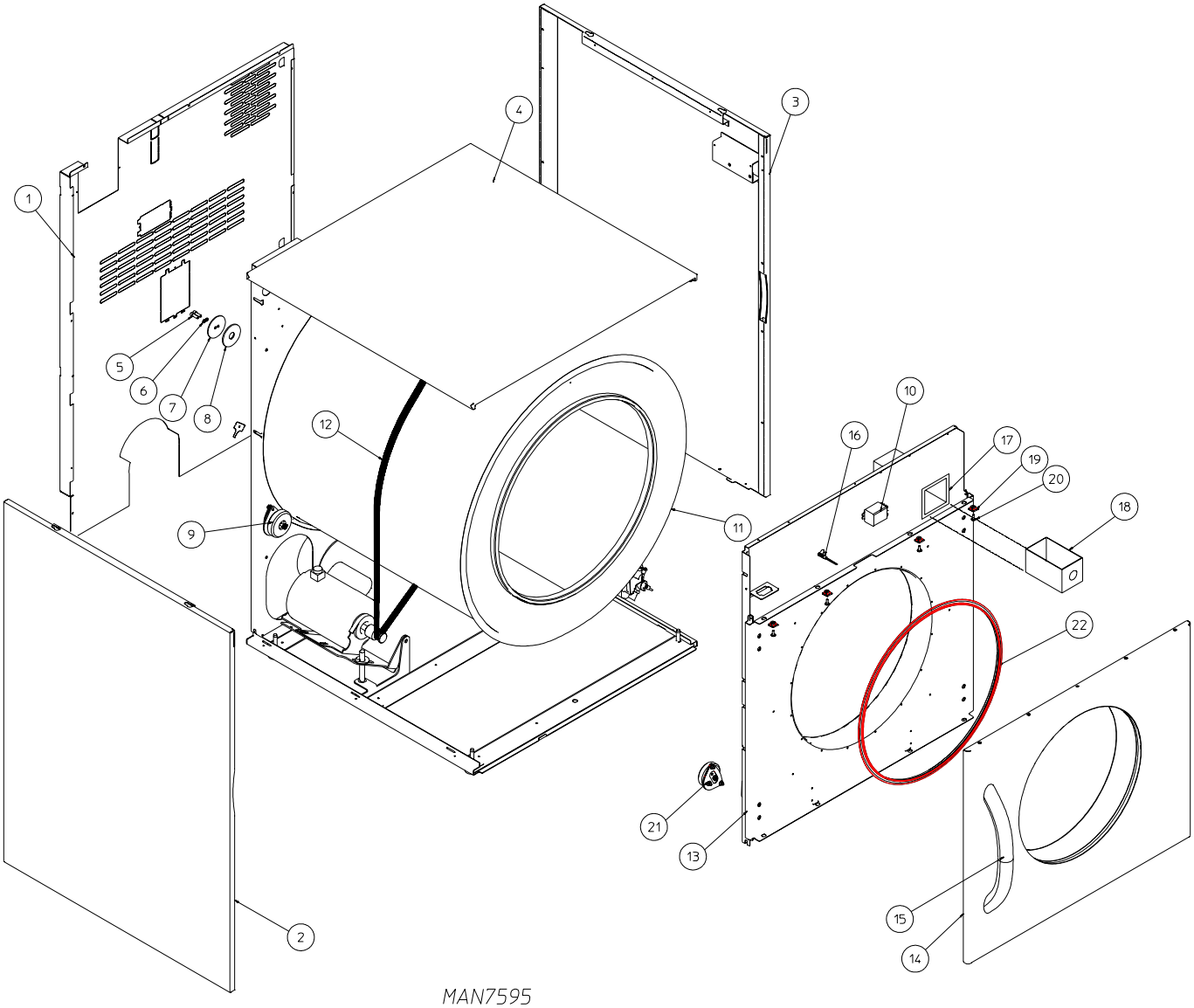
Replacement parts can be obtained from your reseller or the ADC factory. When ordering replacement parts from the factory, you can FAX your order to ADC at (508) 678-9447 or telephone your order directly to the ADC Parts Department at (508) 678-9000. Please specify the dryer model number and serial number in addition to the description and part number, so that your order is processed accurately and promptly.

The illustrations on the following pages may not depict your particular dryer exactly. The illustrations are a composite of the various dryer models. Be sure to check the descriptions of the parts thoroughly before ordering.

"IMPORTANT NOTE TO PURCHASER"

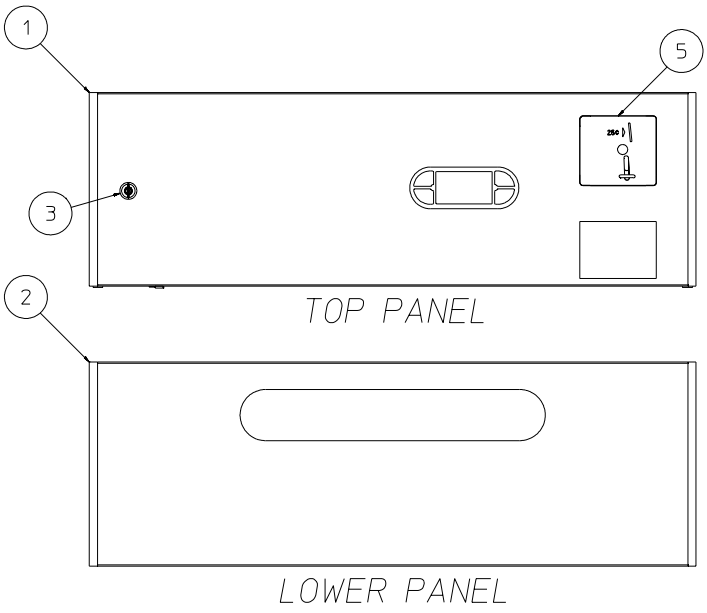
Information must be obtained from your local gas supplier on the instructions to be followed if the user smells gas. These instructions must be posted in a prominent location near the dryer.

NOTES _____



MAN7595

Illus. No.	Part No.	Qty.	Description
1	822363	1	HB76 2 Piece Back Guard Assembly
	822096	1	2 Piece Back Guard Assembly (steam)
	320674	1	HB76 Large Back Guard
	323372	1	HB76 Bottom Back Guard
2	851549	1	HB76 Tall Left Side Panel Assembly
3	851548	1	HB76 Tall Right Hand Side Panel Assembly
4	822362	1	HB76 Out Top Panel Assembly
5	153064	2	1/4-20 x 1/2” Socket Cap Screw
6	153072	2	1/4” High Collar Lock Washer
7	185426	1	Dual Screw Backup Washer
8	153048	2	Inner Friction Pad
	354217	1	3/4” Plate Spacer … Not Illustrated
	185240	1	Extended Tumbler Shaft … Not Illustrated
9	851530	2	Rear Wheel Bracket Assembly
	180060	2	3-1/2” Wheel ONLY
10	131819	1	DPDT Reversing Relay 120V
	131818	1	DPDT Reversing Relay 208-240V
11	851376	1	HB76 Galvanized Tumbler Assembly
	851555	1	HB76 Stainless Steel Tumbler Assembly
12	102415	1	HB76 15 Rib Drive Belt
13	887190	1	Non-Coin Front Support Panel with Auto (black)
	887121	1	Coin Front Support Panel (black)
14	851274*	1	Main Door Assembly with Handle (painted)
	851272	1	Main Door Assembly with Handle (stainless steel)
	103067	3	Door Hinge … Not Illustrated
15	170233*	1	Main Door Handle
16	818370	1	Rotation Sensor
17	851384	1	Coin Vault
	122002	1	Coin Vault Switch … Not Illustrated
	819286		Coin Vault Jumper Harness
18	125916	1	Coin Box with 2 Keys (each lock keyed different)
19	154061	4	U-Nut Retainer
20	183129	4	#10-32 x 1/2” T20 Truss Head Screw
21	851529	2	Front Wheel Bracket Assembly
	180060	2	3-1/2” Wheel ONLY
22	102397	1	HB76 Door Gasket



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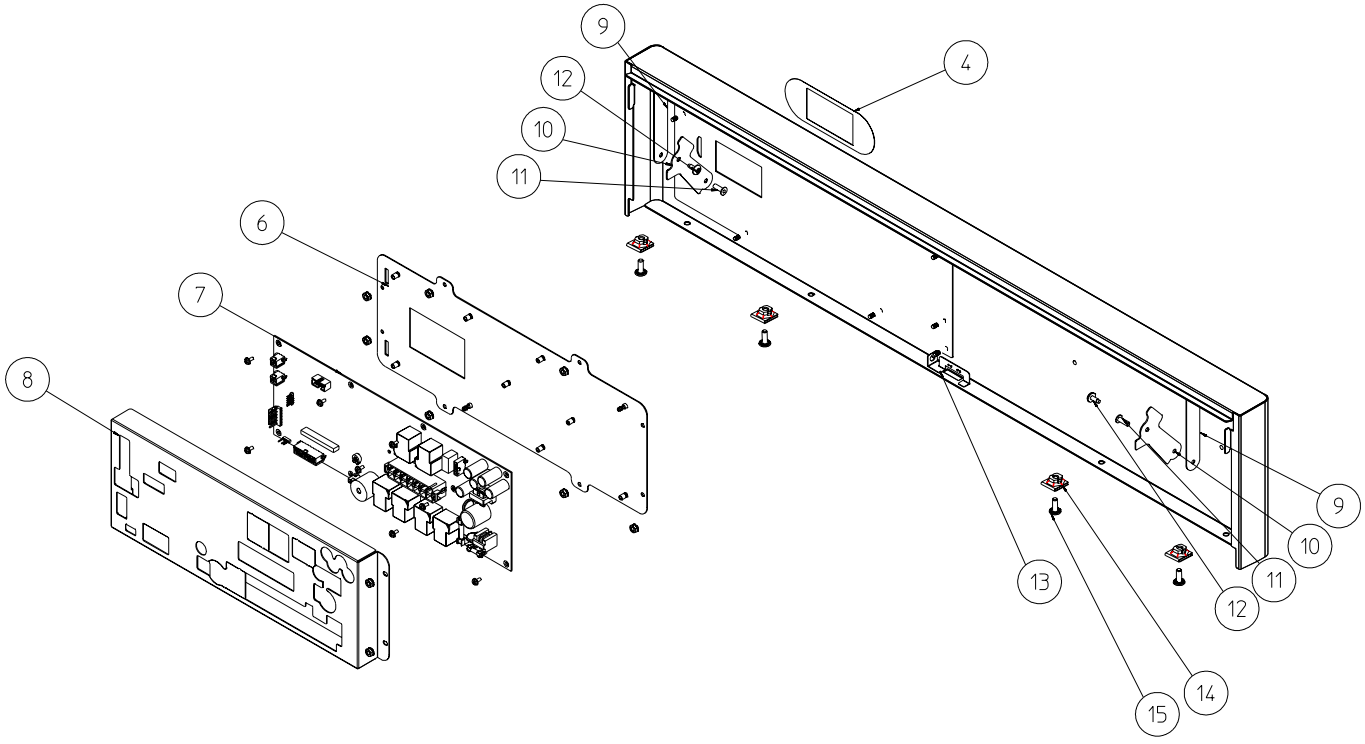
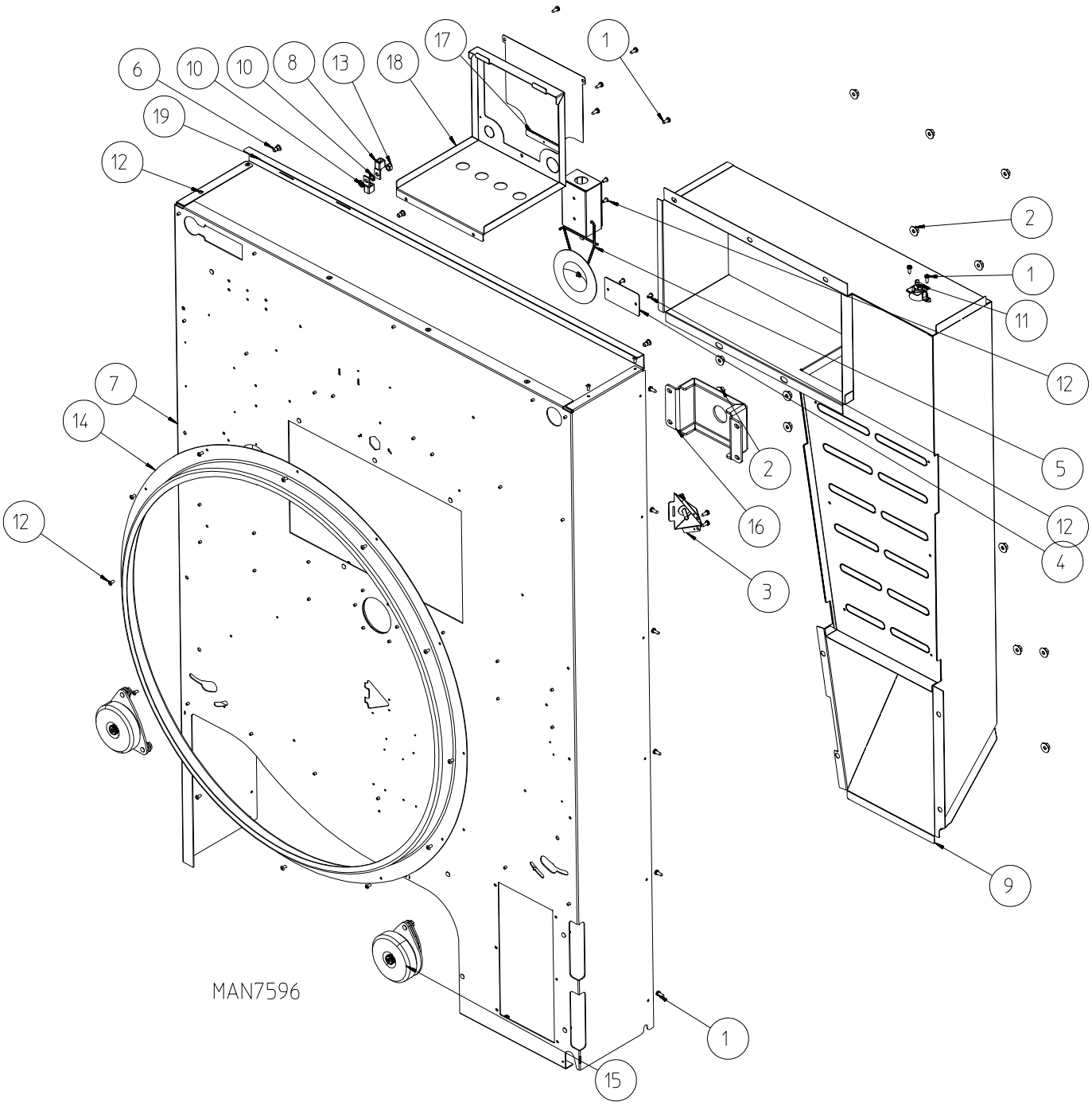


Illus. No.	Part No.	Qty.	Description
1	851522	1	Phase 8 Coin Control Panel Assembly Complete
	851518	1	Phase 8 Non-Coin Control Panel Assembly Complete
	851521	1	Phase 8 Coin Control Panel (panel Only)
	851517	1	Phase 8 Non-Coin Control Panel (panel Only)
2	185121*	1	Lower Panel (painted)
	185122	1	Lower Panel (stainless steel)
3	160040	1	XX4451 Lock
	160140	2	XX4451 Key
	122200	1	Microswitch
	160066	1	Offset Cam for Lock
	154004	1	Twin Speed Nut
4	112587	1	Phase 8 Coin Keypad
	112586	1	Phase 8 Non-Coin Keypad
5	818213	1	25¢ Coin Acceptor Assembly with Optic Switch
	819264	1	Programmable Euro / UK Coin Acceptor
	887041	1	Optic Switch ONLY (for 25¢ coin acceptor)
6	819508	1	Control Mount Assembly
7	887092	1	Phase 8 Microprocessor without Fire Suppression System
	887093	1	Phase 8 Microprocessor with Fire Suppression System
	819541		Coin Block Jumper Harness (non-coin Only)
8	350250	1	Computer Board Cover
9	350203	2	Strain Relief Door Guide Strip
10	350204	2	Strain Relief Cabinet Guide Strip
11	154220	4	Button Head Pop Rivet
12	150313	2	#10-16 x 5 TORX® Screw
13	819196	1	Main Door Switch Assembly
	813411	1	Door Switch Extension Harness … Not Illustrated
14	154061	4	Tinnerman U-Nut Retainer
15	183129	4	#10-32 x 1/2” T20 Truss Head

* Specify color when ordering.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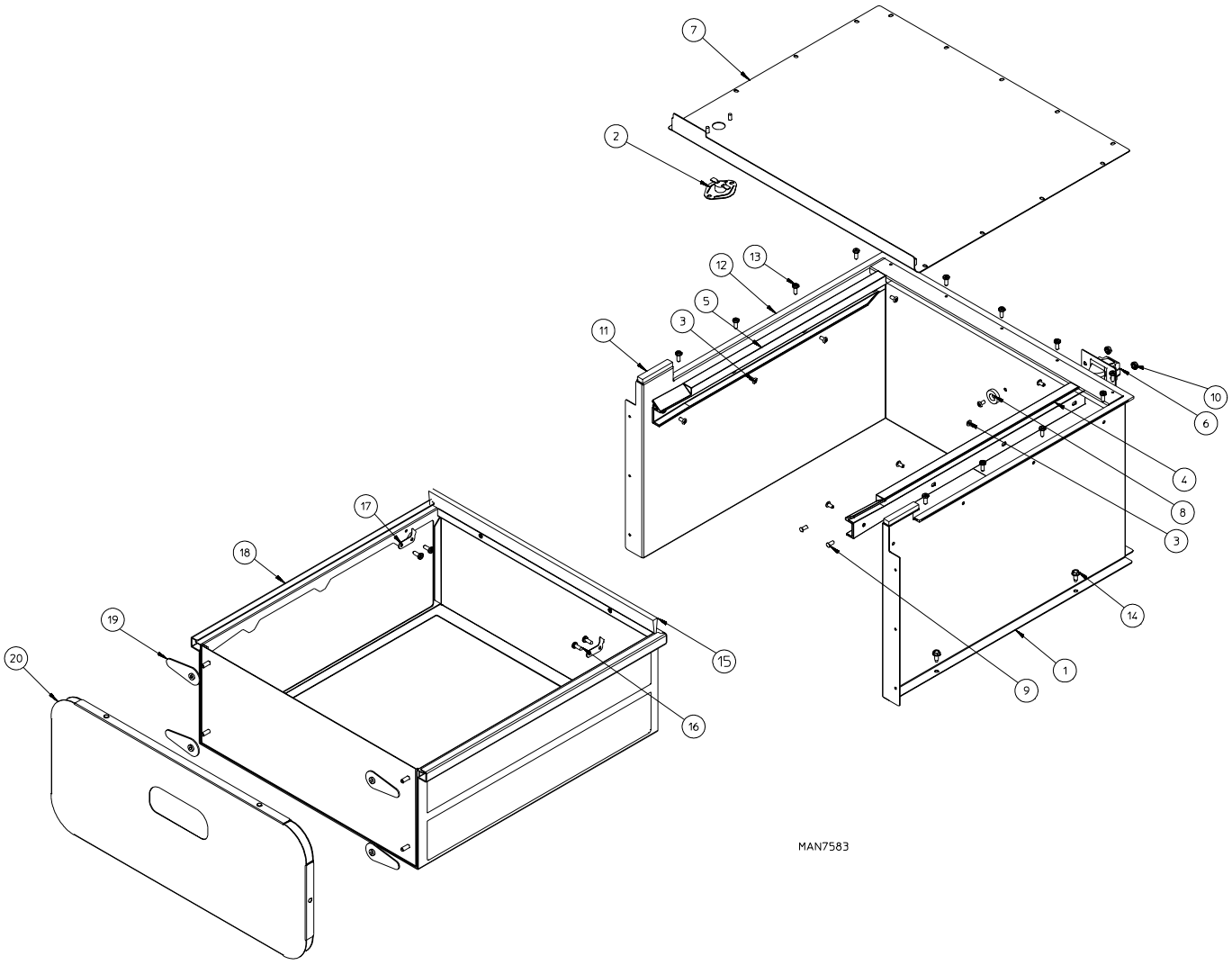
Illus. No.	Part No.	Qty.	Description
1	150331	22	#8-18 x 1/2” Pan Head TORX® Screw
2	152014	13	1/4-20 Serrated Hex Flange Nut
3	851258	1	Axial Probe Assembly
4	318691	1	Cover Plate for No S.A.F.E.
5	818570	1	Single Sail Switch Assembly
6	152111	3	#10-32 Hex Body Rivnut
7	822358	1	Rear Tumbler Support Panel ONLY
	825961		Rear Tumbler Support Panel Complete (includes illus. nos. 1 through 6 and 8 through 19)
	822114		Rear Tumbler Support Complete (steam Only) (includes illus. nos. 1, 2, 4 through 8, and 10 through 19)
8	121010	2	L70 14-4 Terminal Lug
9	851262	1	Heat Duct
10	153021	2	1/4” Star Washer
11	183112	1	205° Gas Hi-Limit Thermostat
12	154200	25	5/32” Pop Rivet
13	152002	1	1/4-20 Hex Nut
14	185156	1	Rear Bulkhead with Mounting Holes
15	851350	2	3-1/2” Wheel Bracket with 2 Shims Assembly
16	350228	1	Thrust Bearing Box
17	350238	1	Electric Box Cover Plate
18	319579	1	Rear Electric Box
19	315343	1	Deep Rear Tumbler Support Top Flange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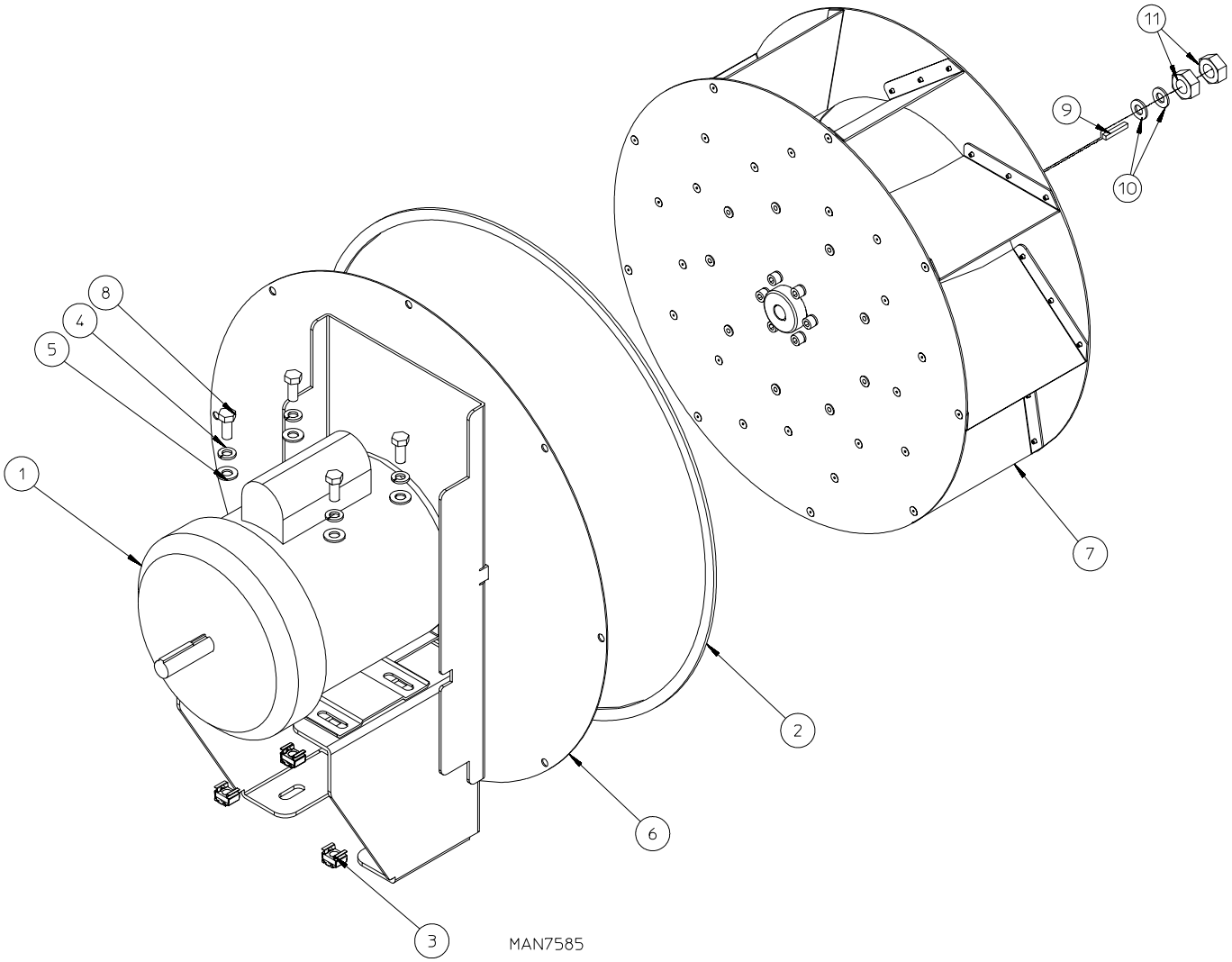
MAN7583

Illus. No.	Part No.	Qty.	Description
1	834719	1	Large Lint Box Assembly Complete
	335058	1	Large Lint Box
2	130119	1	190° Thermostat
3	154200	9	#5-32 Pop Rivet
4	185215	1	Lint Drawer Rail Right Side
5	185216	1	Lint Drawer Rail Left Side
6	819523	1	Lint Drawer Switch Assembly
7	834720	1	Lint Box Top Assembly
8	102004	1	.75 Round Magnet
9	153564	2	#8-32 x .375 Clinch Stud
10	153073	2	#8-32 Keps Nut
11.	117605*	2	1/4” x 3/8” Sponge Tape
12	117604*	1	1/8” x 3/8” Sponge Tape
13	150331	13	#8-18 x .5 TORX® Screw
14	150300	7	#10-16 x .75 Hex Washer
15	170171	1	Lint Drawer Brush
16	150331	4	#8-18 x .5 TORX® Screw
17	319158	2	Lint Drawer Swing Latch
18	834717	1	Lint Drawer Assembly Complete
	825690	1	Lint Drawer (no handle)
19	851536	4	Lint Drawer Clinch Nut Plate
20	834718	1	Lint Drawer Handle

* Sold by the foot.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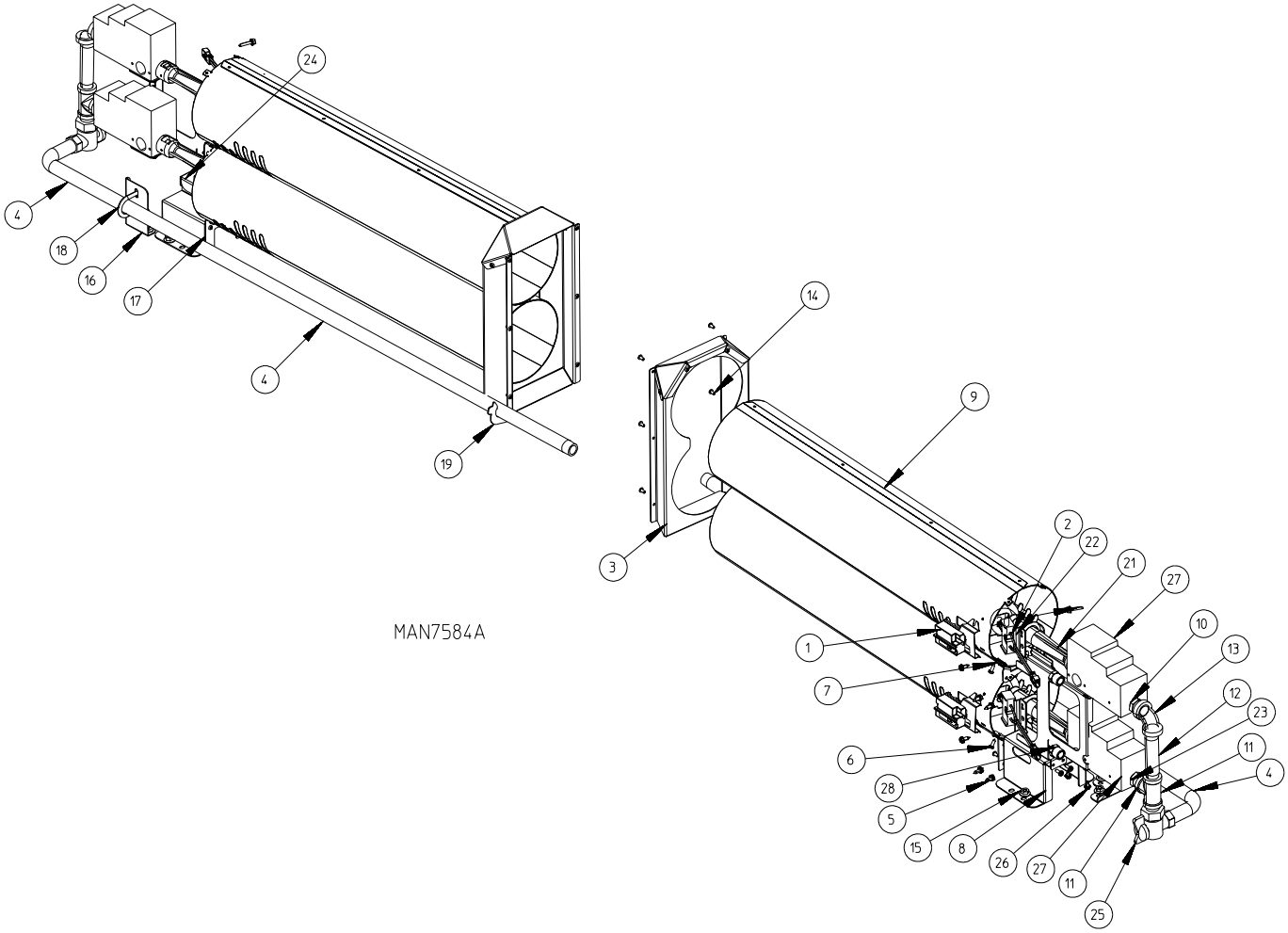
MAN7585

Illus. No.	Part No.	Qty.	Description
1	834723	1	Large Blower Motor Assembly Complete (60 Hz)
	100069	1	3/4 hp Blower Motor (60 Hz)
	819825	1	HB76 Large Blower Motor Assembly (50 Hz)
	100068	1	3/4 hp Blower Motor (50 Hz)
2	117604*	1	1/8” x 3/8” Sponge Tape
3	154000	5	5/16-18 Tinnerman Clip
4	153002	4	5/16” Lock Washer
5	153001	4	5/16” Flat Washer
6	834724	1	Large Motor Mount
7	822364	1	16” Riveted Impellor (1/2” Bore)
8	150501	4	5/16”-18 x 3/4” Hex Bolt
9	100702	1	1/8” x 1/8” x 1-1/2” Key
10	153050	2	1/2” S.A.F.E. Flat Washer
11	152006	2	1/2-20 Left Hand Jam Nut

* Sold by the foot.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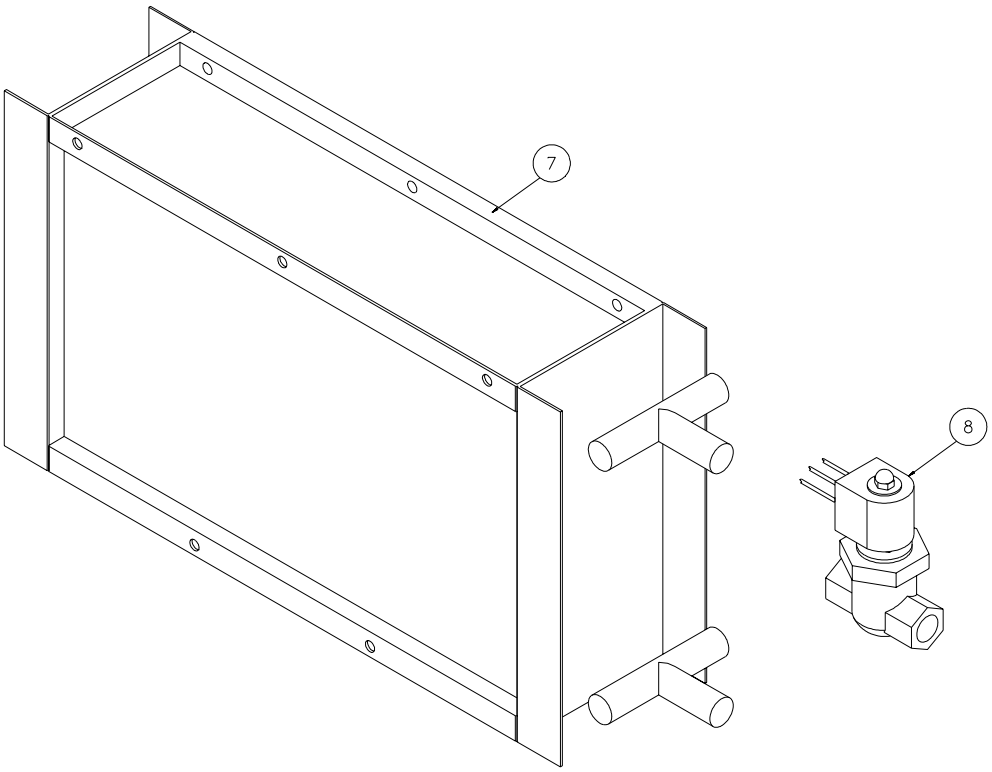
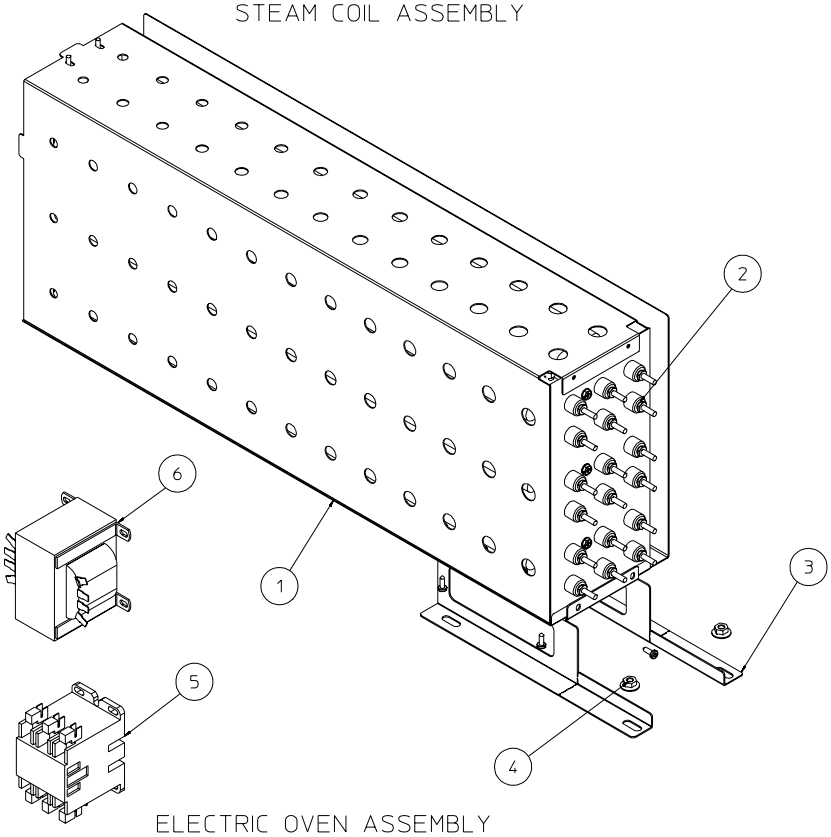
MAN7584A

Illus. No.	Part No.	Qty.	Description
1	130500	2	Radiant Sensor
2	128910	2	Glo-Bar 80V
3	851387	1	Burner Tube Transition Assembly
4	143349	1	1/2” Gas Pipe
5	152208	6	#10-32 x 1/2” Sheet Metal Screw
6	150331	7	#8-18 x 1/2” TORX® Screw
7	350217	1	SL50 / SL75 Gas Burner Funnel Support Bracket
8	350221	1	SL50 / SL75 Duel Gas Burner Support Bracket
9	323037	2	HB76 Round Gas Burner Tube
10	142953	2	3/8” x 1/2” Steel Bushing
11	142820	1	1/2” x 1/2” x 1/2” Gas Pipe tee
12	142703	1	1/2” x 4” Pipe Nipple
13	142500	2	1/2” 90° Elbow
14	154200	14	5/32” Pop Rivit
15	152014	4	1/4” x 20 Free Spin Washer Nut
16	350218	1	SL50 / SL75 Front Gas Pipe Bracket
17	350218	1	SL50 / SL75 Gas Burner Bottom Support
19	154355	1	U-Bolt for 1/2” Gas Pipe Support
20	183145	2	Glo-Bar Mounting Screw with Washer
21	183144	2	Inshot Hot Surface Ignition Tube
22	185063	2	Hot Surface Ignition Igniter Bracket
23	183137	2	3/8” Close Nipple
24	350271	1	HB76 Dual Gas Valve Bracket
25	141320	1	1/2” HPT 90° Shutoff Valve
26	152209	6	Tapping Screw
27	832206	2	HB76 Gas Valve Assembly
	822357	1	HB76 Dual Gas Burner Assembly Complete
28	143350	2	3/8” N.P.T. Blank Orifice



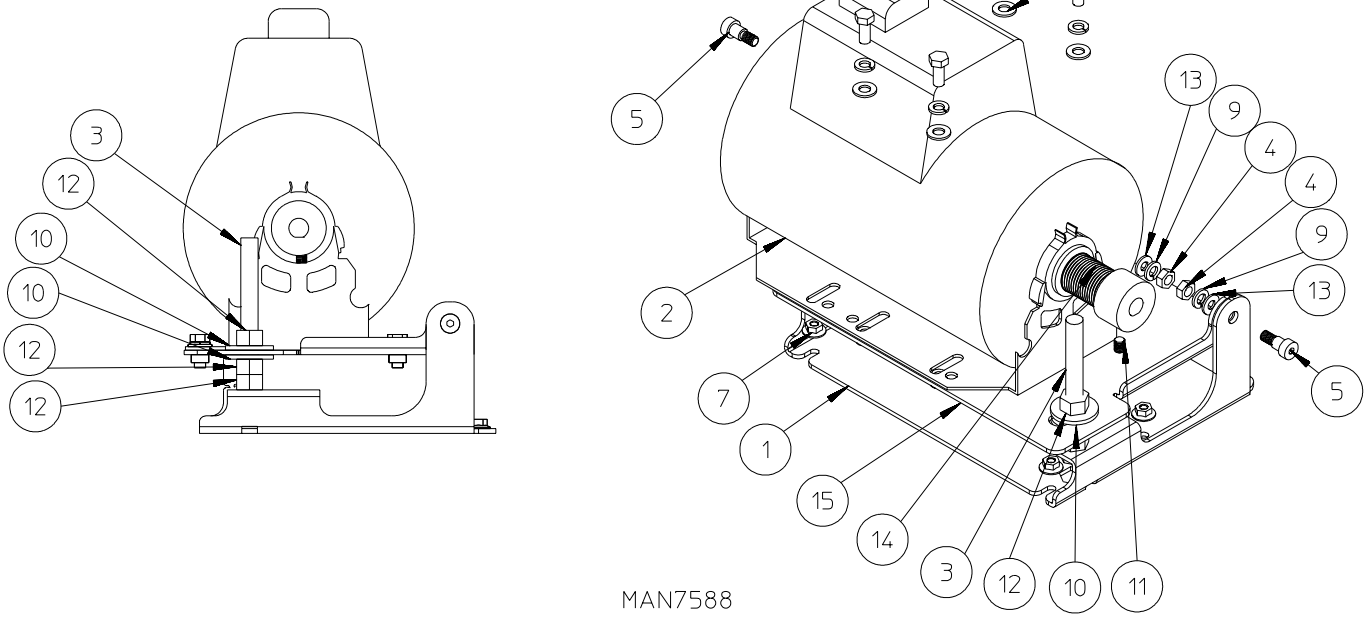
STEAM COIL ASSEMBLY



ELECTRIC OVEN ASSEMBLY

MAN7555

Illus. No.	Part No.	Qty.	Description
1	851395	1	SL50 Electric Oven Assembly 200-415v
	851396	1	SL75 Electric Oven Assembly 200-415v
2	119996	1	SL50 16 kW Element
	119997	1	SL75 22 kW Element
3	350230	1	Electric Oven Support Bracket
4	152014	2	Free Spin Wash Nut
5	131322	1	208/240v 30A Contactor 50/60 Hz
	131323	1	120v 40A Contactor 50/60 Hz
	131324	1	208/240v 40A Contactor 50/60 Hz
	131325	1	120v 50A Contactor 50/60 Hz
	131329	1	120v 75A Contactor 50/60 Hz
	131330	1	208/240v 75A Contactor 50/60 Hz
6	132029	1	Auto Transformer
7	165067	1	Copper Steam Coil
8	813415	1	Steam Solenoid Phase 8 Assembly 120v (60 Hz)
	813416	1	Steam Solenoid Phase 8 Assembly 220-240v (50/60 Hz)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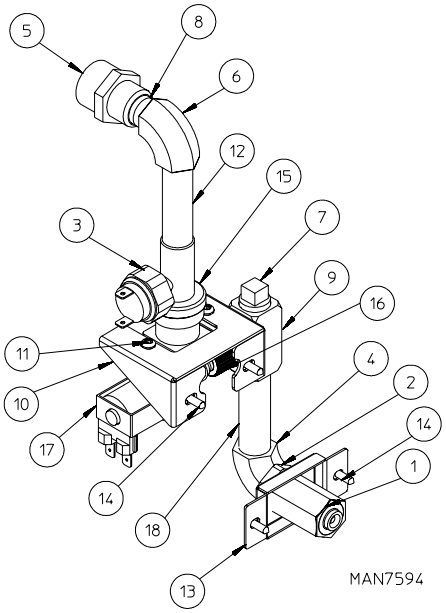
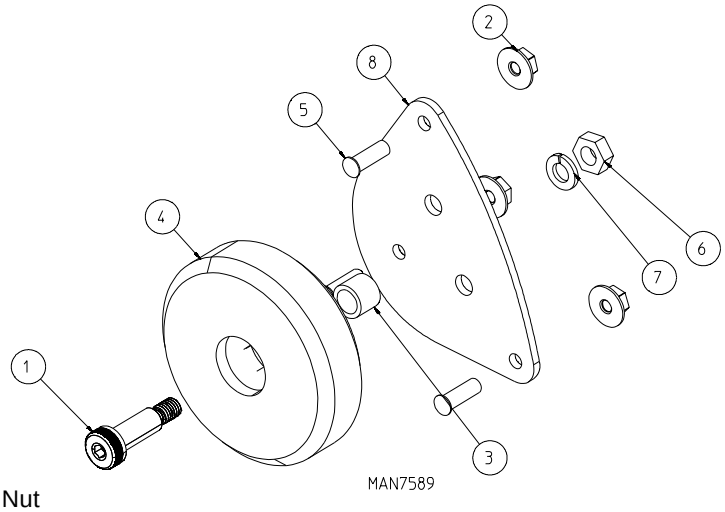
MAN7588

Illus. No.	Part No.	Qty.	Description
1	350301	1	SL50 / SL75 Motor Mount Base Plate
2	819594	1	SL76 Drive Motor Assembly Complete (60 Hz)
	887221	1	SL76 Drive Motor with Sheave (60 Hz)
	819824	1	SL76 Drive Motor Assembly Complete (50 Hz)
	887222	1	SL76 Drive Motor with Sheave (50 Hz)
3	150609	1	.5-13 x 4.5” Tap Bolt
4	152004	2	5/16-18 Hex Nut
5	154266	2	3/8” x 3/8” Shoulder Screw
6	150501	4	5/16-18 x 3/4” Tap Bolt Hex Head
7	152014	5	1/4-20 Free Spin Wash Nut
8	153001	4	5/16” Flat Washer
9	153002	6	5/16” Split Lock Washer
10	153003	2	1/2” x 3/8” x 1/8” Flat Washer
11	154321	1	5/16-24 x 3/8” Alan Setscrew
12	152011	3	1/2-13 Hex Nut
13	153018	2	1/4” Flat Washer
14	323373	1	SL76 60 Hz Motor Sheave
	350004	1	SL76 50 Hz Motor Sheave
15	851543	1	SL50 / SL75 Motor Platform Assembly



Illus. No.	Part No.	Qty.	Description
1	143581	1	F.S.S. 3 GPM .375 N.P.T. Spray Nozzle
2	143303	1	.375 N.P.T. Brass Lock Nut
3	136987	1	Water Jet Pressure Switch
4	143155	1	.375 Brass Street Elbow
5	143025	1	.75-11 NH x .375 N.P.T. Nylon Hose Adapter
6	143310	1	.375 Brass 90° Elbow
7	143251	1	.375 M.P.T. Brass Plug
8	143241	1	.375 x Close Brass Nipple
9	143220	1	.375 F.P.T. Brass Tee
10	319231	1	Solaris Dryer F.S.S. Valve Bracket
11	154338	2	M4 x 6mm Phillips Head Slotted Machine Screw
12	143242	1	.375 x 2.5 Brass Nipple
13	318422	1	S.A.F.E. Bracket
14	150331	4	#8-18 x .5 Pan Head TORX® Screw
15	143182	1	.75 GHT x .125 x .375 N.P.T. Brass Tee
16	143183	1	.4375-20 X .375 N.P.T. Brass Adapter.2
17	165120	1	F.S.S. Water Inlet Valve 24VDC
18	143323	1	.375 x 3 Brass Nipple
—	114110	1	S.A.F.E. / F.S.S. Water Supply Warning Tag



Illus. No.	Part No.	Qty.	Description
1	152014	3	1/4-20 Free Spin Wash Nut
2	180060	1	3-1/2” Tumbler Support Wheel
3	154284	1	Tumbler Wheel Spacer
4	153557	3	1/4-20 x 3/4” Self-Clinching Stud
5	154013	1	M8 Hex Nut
6	153002	1	5/16” Lock Washer
7	350196	1	SL50 / SL75 1/2” Wheel Bracket
	851529	2	Front Wheel Assembly Complete
	851530	2	Rear Wheel Assembly Complete … Not Illustrated
8	154264	1	10 M8 x 25mm Shoulder Bolt
9	350198	4	Rear Wheel Bracket Shim … Not Illustrated (rear Only)

Duplicate all parts for rear wheels.